

REMARKS/ARGUMENTS

A. Rejection of Claims Under 35 U.S.C. § 102

Pending claims 1-3, 5-10, 22-23 and 28 stand rejected under 35 U.S.C. § 102(e) over U.S. Patent No. 6,137,539 to Lownes. Applicants respectfully traverse the rejection. With regard to claim 1, Lownes does not disclose, at least, a digital graphics bus coupled to a receiver in a first housing and a display in a second housing. In this regard, the IEEE 1394 bus of Lownes is coupled between VHS 113 (i.e., a VCR) and set top box 90. Neither of these, however, include a digital television display. For at least this reason, claims 1-3 and 5-10 are patentable over Lownes.

Dependent claim 2 is further patentable as Lownes nowhere discloses that the first housing is part of a modular platform adapted to receive replaceable cards. In this regard, a VCR is not a "modular platform," and cassette tapes are not "replaceable cards".

Dependent claim 3 is further patentable as nowhere does Lownes disclose that the VCR receives cards in a plug, nor has plugs coupled by a bus.

Respecting claim 5, nowhere does Lownes disclose a replaceable card that is a motherboard including a processor. This is especially so, as the Office Action contends that a cassette tape is the replaceable card of Lownes.

With respect to dependent claim 6, nowhere does the VCR of Lownes include a television tuner/capture card. In this regard, the portion of Lownes recited by the Office Action (col. 4, lns. 8-10) is part of the set top box, not the VCR.

Dependent claim 7 is further patentable, as nowhere does Lownes disclose a replaceable card that is a digital video disk card.

Regarding claim 22, nowhere does Lownes disclose a housing including a plurality of slots each including a plug adapted to removably receive a card, and certainly not where each of the plugs are adapted to receive more than one type of serial bus interface. For at least this reason, claims 22, 23 and 28 are patentable over Lownes.

B. Rejection of Claims Under 35 U.S.C. § 103

Pending claim 4 stands rejected under 35 U.S.C. § 103(a) over Lownes in view of U.S. Patent No. 5,699,426 (Tsukamoto). Claim 4 is patentable over the proposed combination at least for the reasons discussed above regarding claim 1, as neither reference teaches or suggests the missing elements of claim 1 described above.

Pending claims 11, 13, 15-21, 25, and 29 stand rejected under § 103(a) over Lownes in view of Tsukamoto and further view of U.S. Patent No. 5,784,427 (Bennett). This rejection is improper as there is no motivation to combine Lownes or Tsukamoto with Bennett, which relates to a feedback and shift unit, and not a digital graphics bus or a modular platform for digital television systems. This is especially so, as the shift unit of Bennett is in a digital signal processor for a GSM (i.e., wireless) communication system.

Dependent claim 18 is further patentable as neither Bennett nor the other cited references teach or suggest a combiner adapted to combine a seed signal together with feedback from a programmable tap register. In this regard, the input sequence injected into a shift register shown in FIG. 3 of Bennett and referred to by the Office Action (page 7) does not teach or suggest such a combiner that combines a seed signal and feedback from a programmable tap register.

Claim 19 is further patentable, as Bennett does not teach or suggest a tap register that includes combinatorial logic and tap memory. In this regard, the memory of FIG. 11 of Bennett referred to by the Office Action (page 7) is not included in a tap register; nor is it combinatorial logic.

Claim 25 is further patentable because none of the references teach or suggest a housing having a plurality of slots each including a plug to removably receive a card in which each of the plugs is adapted to receive more than one type of serial bus interface, as recited by claim 22 from which claim 25 depends.

Pending claims 14, 27 and 30 stand rejected under § 103(a) over Lownes in view of Tsukamoto in view of Bennett in further view of U.S. Patent No. 5,969,909 (Warren). The rejection of the above claims is improper, as there is no motivation or suggestion to combine these four references.

Further, Warren does not teach or suggest changing encryption levels on frame boundaries. Instead, Warren only teaches that encryption keys may be different on different frames; there is no teaching or suggestion to change encryption levels on frame boundaries.

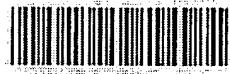
It is respectfully noted that pending claims 24 and 26 do not stand rejected on any ground and are thus allowable.

In view of these remarks, the application is now in condition for allowance and the Examiner's prompt action in accordance therewith is respectfully requested. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 20-1504.

Respectfully submitted,

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